

1. - 7. (Canceled)

8. (Currently Amended) A compound dispersing apparatus comprising:

a basket-shaped vessel, said vessel ~~adapted to containing~~ dispersing media particles in an interior cavity formed therein, said vessel ~~adapted for submersion~~ submergible in a tank filled with a compound;

a plurality of plate shaped stirrer vanes housed within said vessel, each engaged at first ends with an elongated at first ends with an elongated shaft extending in said interior cavity, said shaft defining a central axis of said cavity;

each said stirrer vane extending a first distance from said axis to a distal edge;

means to rotate said shaft to thereby rotate said stirrer vanes in said interior cavity;

a plurality of plate shaped stirrer fins, each engaged at a first end with an interior wall of said vessel, each said stirrer fins extending from said first end toward said central axis, to a distal end, ~~each said distal of said stirrer fins end being substantially parallel said distal edge of said vanes;~~

each of said stirrer fins positioned in its engagement with said interior wall whereby said distal end reaches a momentary substantial alignment with a corresponding said distal edge of one of said stirrer vanes during each rotation of said shaft;

a gap formed between said distal end and said distal edge during said momentary alignment, said gap defined by an empty space bordered on a first side by said distal end and on a second side a second distance from said first side, by said distal edge; and

said gap providing means to increase a shear force of said dispersing media particles during said momentary alignment, and

whereby said compound in said tank is drawn through said interior cavity and existed back to said tank by rotation of said vanes when said vessel is submerged in said tank.

9. (Previously Presented) The compound dispersing apparatus according to claim 8, wherein said means to rotate said shaft comprises:

said shaft having an exterior portion extending along said central axis, outside said vessel; and

means to engage said means to rotate said shaft to said exterior portion.

10. (Previously Presented) The compound dispersing apparatus according to claim 8, wherein said means to rotate said shaft comprises:

means to rotate said vessel around said central axis in a direction opposite said rotation of said shaft.

11. (Previously Presented) The compound dispersing apparatus according to claim 9, wherein said means to rotate said shaft comprises:

means to rotate said vessel around said axis in a direction opposite said rotation of said shaft.

12. (Previously Presented) The compound dispersing apparatus according to claim 11, wherein said means to rotate said vessel comprises:

a second shaft engaging an upper portion of said vessel;

said second shaft having an axial passage extending therein along said central axis and adapted to accommodate rotation of said shaft therein;

means to rotate said shaft; and

means to rotate said second shaft in a direction opposite that of said shaft.

13. (Previously Presented) The compound dispersing apparatus according to claim 10, further comprising:

secondary vanes engaged to an exterior surface of said vessel, whereby rotation of said vessel, rotates said secondary vanes around said central axis.

14. (Previously Presented) The compound dispersing apparatus according to claim 11, further comprising:

secondary vanes engaged to an exterior surface of said vessel, whereby rotation of said vessel, rotates said secondary vanes around said central axis.

15. (Previously Presented) The compound dispersing apparatus according to claim 12, further comprising:

secondary vanes engaged to an exterior surface of said vessel, whereby rotation of said vessel, rotates said secondary vanes around said central axis.

16. (Previously Presented) The compound dispersing apparatus according to claim 15, further comprising:

said secondary vanes engaged to a lower exterior surface of said vessel;

said lower exterior surface being on an opposite side of said vessel from said upper portion of said vessel; and

whereby rotation of said vessel, rotates said secondary vanes around said central axis.

17. (Currently Amended) The compound dispersing apparatus according to claim 8 additionally comprising:

    said dispersing media particles having a diameter; and

    said second distance gap being ~~a distance~~ between 6 to 15 times said diameter.

18. (Currently Amended) The compound dispersing apparatus according to claim 16 additionally comprising:

    said dispersing media particles having a diameter; and

    said second distance gap being ~~a distance~~ 6 to 15 times said diameter.